

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-005794**Date Inspected:** 10-Mar-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A	CWI Present:	Yes	No
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use: Yes No N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed: Yes No N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up: Yes No N/A
Approved Drawings:	Yes	No	N/A	Approved WPS: Yes No N/A
				Delayed / Cancelled: Yes No N/A
Bridge No:	34-0006	Component:	OBG	

Summary of Items Observed:

On this day Caltrans OSM Quality Assurance (QA) Inspector Erik Prue was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island in Shanghai, China. QA Inspector observed and/or found the following:

OBG Bay 19: QA Inspector performed 15% minimum magnetic particle (MT) inspections of portions of ZPMC QC acceptable magnetic particle inspection on floor beams FB209-1-001, FB209-1-002, FB209-001, and FB209-002 welds. Floor beams are sub assemblies for cross beam CB3. QA Inspector found ZPMC QC MT accepted welds to be in compliance with AWS D1.5 (02) and the contract documents. For FB weld numbers tested and further details please see Magnetic particle testing report TL-6028 dated 10 March, 2009.

OBG Bay 14: QA Inspector performed 15% minimum magnetic particle (MT) inspections of portions of ZPMC QC acceptable magnetic particle inspection on Deck Panel DP545-001 weld numbers 023-030, 220-227, 229-236 and bottom plate BP025-001 welds 044-053. QA Inspector found ZPMC QC MT accepted welds to be in compliance with AWS D1.5 (02) and the contract documents. For further details please see magnetic particle testing report TL-6028 dated 10 March, 2009.

Unless otherwise noted, all work observed on this date appears to be in general compliance with the applicable contract documents.

Summary of Conversations:

No significant conversations this day.

WELDING INSPECTION REPORT

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Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Prue,Erik	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
